

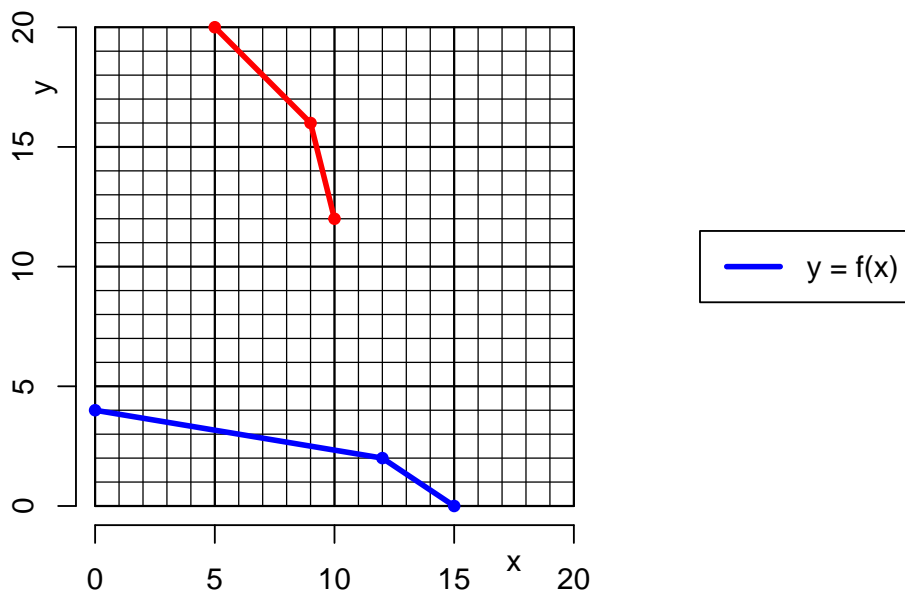
Name: \_\_\_\_\_

Date: \_\_\_\_\_

## PCW\_09\_18 Find new points after transformation (version 47)

### Question 1

Curve  $y = f(x)$  contains points  $(0, 4)$  and  $(12, 2)$  and  $(15, 0)$ , as shown on the  $x$ - $y$  plane below.

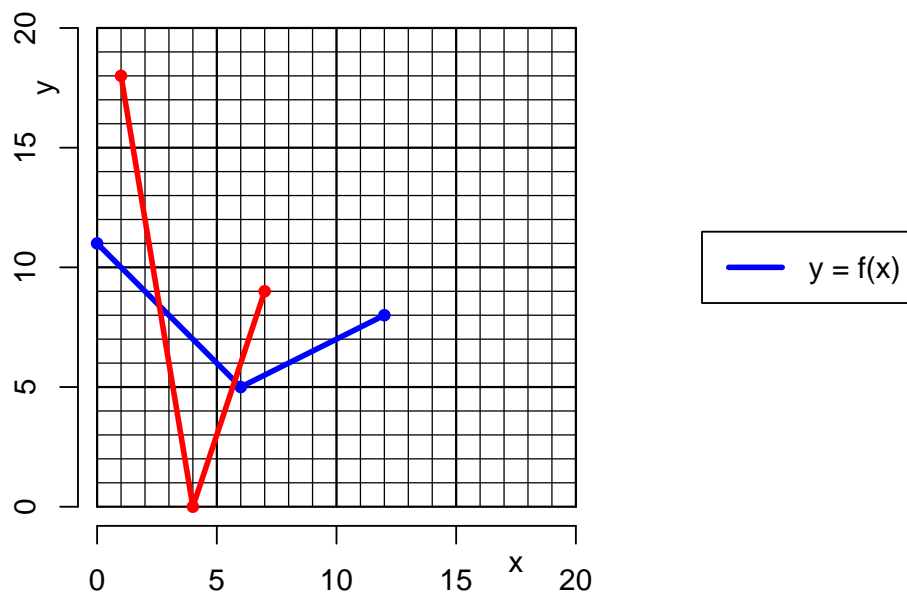


On the same plane, please draw the curve represented by the equation below:

$$y = 2(f[3(x - 5)] + 6)$$

## Question 2

Curve  $y = f(x)$  contains points  $(0, 11)$  and  $(6, 5)$  and  $(12, 8)$ , as shown on the  $x$ - $y$  plane below.



On the same plane, please draw the curve represented by the equation below:

$$y = 3(f[2x - 2] - 5)$$